**Transdisciplinary Theme: HOW THE WORLD WORKS Unit # 5**

**Central Idea*:*** Living things Adapt to Their Surroundings in order to Survive. /*Los seres vivos se adaptan a su entorno para sobrevivir.*

* Animals need different kinds of adaptations to survive. Los animales necesitan diferentes clases de adaptaciones para sobrevivir.
* Human beings have the capacity to transform their surroundings. Los seres humanos tienen la capacidad de transformar su entorno.
* As human beings we find different situations which require that we adapt to them.Como seres humanos encontramos diferentes situaciones en nuestra vida que requieren que nos adaptemos.
* There are some endangered animals and we must help to care for their habitat before they become extinct. Hay animales en vía de extinción y debemos ayudar a proteger su habitat antes de que se extingan.

**Enduring Understandings:**

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| **Concepts (Key & Related)**  Adaptation (Function)  **Lines of Inquiry**   * How living things adapt to their surroundings * Different surroundings to which living things adapt * how human beings transform their surroundings * Why living things become extinct   **Attitudes**   * Enthusiasm * Tolerance   **Profile**   * Inquirer * Knowledgeable * Thinkers * Communicators * Principled * Open minded   **Science & Social Studies Skills**  **Science Skills**  a. Observe carefully in order to gather data  d. Identify or generate a question or problem to be explored  h. Consider scientific models and applications of these models (including their limitations)  **Social Studies Skills**  a. Formulate and ask questions about the past, the future, places and societies  d. Identify roles, rights and responsibilities in society | **Transdisciplinary Skills**  **COMMUNICATION**  -Reading: reading a variety of sources for information and pleasure (L1).  -Speaking: giving oral reports to small and large groups (L2).  -writing: keeping a journal of the inquiry(L2).  **RESEARCH**  -Observing: using senses to notice relevant details (Visual Arts).  **SOCIAL**  -adopting a variety of group roles/being a leader in some circumstances and a follower in others (taller de afectividad-pse).  **Subject Areas**   |  |  |  | | --- | --- | --- | | **Advising** | **Supporting** | **Driving the Inquiry** | | Social Studies  Maths  Religion  Arts - Music | Visual Arts (Elementos de Arte y Diseño-Observing)  Taller de Afectividad (Adopting a variety of group roles)  Language (L1/ L2) (Communication) | Social Studies (Human and Natural Environments- People adapt to and alter their environment).  Science (Living Things- Habitats & Adaptation).  PSE (Interaction with Others- Dealing with Daily Life Situations).  P.E./Swimming (Health Related Activities- Adaptación y Seguridad al medio acuático). | |